

UNIVERSITY OF EDUCATION
“UEXAM” Semester-II, 2019
MA Education/B.Ed. Secondary, Session:2018-20

Course Code: EDUC3126
 Subject: Research Methods in Education

Time Allowed: 100 Minutes.

Max. Marks: 42

Section II (Short Answer)

Q.2- Write short answers of the following.

3x6 = 18

- (i) Enlist the sources of literature review
- (ii) Differentiate between primary and secondary sources of data
- (iii) State the null and alternative hypothesis for the following situation.
Do students score in matric exams vary by gender?
- (iv) Describe briefly causal comparative research
- (v) Describe what is action research and its advantages for the practitioners
- (vi) Give one example of random sampling

Section III (Essay Type)

Answer the following Questions

6x4 = 24

- Q. 3:- Write a detail note on snowball sampling. Give one situation where snow ball sampling would be most appropriate.
- Q. 4:- How would you differentiate between interval and ratio scales. Give one example of each.

Use the following in order to answer question # 5 and question # 6
 In order to compare the achievement of male and female MA Education students, an independent samples t-test was employed. The SPSS output is given below.

Group Statistics

	Gender	N	Mean	Std. Deviation
Score	Female	24	67.29	16.02
	Male	16	57.88	8.96

Independent Samples Test

	t-test for Equality of Means				
	t	df	Sig (2-tailed)	Mean Difference	St. Error Difference
Score	2.133	38	.039	9.417	4.414

- Q. 5:- Write null and alternative hypotheses both in verbal and numeric/symbolic forms (6 marks)
- Q. 6:- What will be your decision rule? How would you interpret the independent samples t-test output? (1+5 marks)